

WHAT IS CLAIMED IS:

1. A method for configuring an operating system comprising the steps of:
creating a task schedule on a host, the schedule comprising tasks, task start times, and task deadlines;
configuring a time deadline based operating system on a target coupled to the host, according to the task schedule;
running the target operating system while simultaneously capturing event data;
uploading the captured event data to the host;
at the host, converting the event data into a corresponding graphical representation indicative of the occurrence of significant events on the target, the significant events corresponding to the task start times and the deadlines;
changing the task start times and task deadlines in response to user interaction with reference to the graphical representation, the changes corresponding to specific significant events;
and
using the changes to adjust and recreate the task schedule;
again configuring the time deadline based operating system.
2. The method of claim 1 comprising the further step of storing the task schedule in a table.
3. The method of claim 2 wherein the step of using the changes is carried out by writing at least one of a new task start time and a new task deadline in the table.
4. The method of claim 2 comprising the further step of coupling the table to the graphical representation, and wherein the step of using the changes is carried out by manipulating the graphical representation to change the table.
5. The method of claim 4 wherein the step of manipulating the graphical representation is carried out by a point and click operation.

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6. A computer system, comprising:
 - a host computer;
 - a target computer coupled to the host computer;
 - a time deadline based operating system configured on the target computer;
 - the target computer executing the time deadline based operating system, capturing event data and uploading the event data to the host computer via the coupling;
 - the host computer operating to convert the event data into a corresponding graphical representation; and
 - the host computer operating to reconfigure the time deadline based operating system via the coupling with the target computer, in response to user interaction with reference to the graphical representation.
7. The computer system of claim 6, wherein the time deadline based operating system includes a task schedule comprising tasks, task start times and task deadlines, the target computer capturing event data corresponding to the task start times and task deadlines.
8. The computer system of claim 7 wherein the host computer converts the event data corresponding to task start times and task deadlines into a graphical representation.
9. The computer system of claim 8 wherein the task schedule is stored in a table.
10. The computer system of claim 9 wherein the table is coupled to the graphical representation for change of the table via manipulation of the graphical representation.